QUESTIONS AND ANSWERS FOR ENTERPRISE NETWORK ATTACHED STORAGE

1. Is there a minimum required storage amount?
   A. 15TB usable with safety margin

2. On page 10, can the City confirm you are looking for a NAS solution with a maximum of 100TB? Is this supposed to be "minimum"?
   A. Maximum of 100TB

3. What is the minimum amount of capacity required? Is capacity to be calculated as usable? If so, can storage efficiencies be used to calculate an effective capacity?
   A. 15 TB usable. Usable, yes storage efficiencies can be used to calculate the effective capacity.

4. Is the City only looking to purchase a single storage array or will a secondary array be purchased for replication?
   A. We intend to in a different location or in same location but this will be depending on the budget and the total cost of purchase.

5. You mention an onsite training course may be required. How many individuals will need trained?
   A. At least 2 or more

6. Are data migration services required? If so, how much data will need to be migrated to the new solution?
   A. Yes – Approximately 7TB

7. Does the solution need to archive to the cloud. If so, which cloud provider.
   A. NO

8. What is the size of the initial data set that needs to be backed up.
   A. 7TB

9. How many years should we size the backup solution for.
   A. 5 yrs

10. What is the anticipated yearly growth rate?
    A. Approximately 1TB per year

11. What is the size (in TB) of each of the backup data set components i.e file, DB etc
    A. SVP – 3TB; System Support – 1TB and Backup for System Support is 1TB; 2TB for DVR

12. What is the backup schedule (full & incremental) for the data set and the retention needed?
    A. Full. See RPO in Q11.

13. Will 100% of the primary data set be replicated to DR or just a subset of it?
    A. Cost dependent: Option 1: Yes ; Option 2: No DR

14. Under Attachment A, Item A. The following statement is made "Our goal of the Enterprise NAS solution Project is to implement a replacement for our current SAN storage, a NAS that uses current …."
    A. Question: Is SVP replacing SAN storage or NAS? – Not replacing a San or a NAS but replacing a pair of HP servers connected via FC to our existing SAN which provides a dedicated LUN to SVP.

15. Under Attachment A, Item B. The following statement is made. "The NAS system can perform backup and restore capability, archiving capability." In the same paragraph, the statement "The NAS system should include these features and can be readily setup with a set of policies at the beginning that a minimum or no administration resource will be needed after."
    A. Does SVP require integrated data protection in this solution or does SVP consider it an option - At this time we can consider it as an option

16. What are the desired protocols for file store access (CIFS, NFS, SMB)
    A. SMB

17. Are there any defined RTO/RPO requirements?
    A. RPO = Our current solution allows for daily backups stored up to 1 week in past in which we can access the entire file share or even a quick file level restore. We would like to meet or beat this functionality with a preference for daily backups stored up to 2 weeks in the past.

    A. RTO = The maximum amount of time should not exceed 24hours but we are also interested in seeing solutions that are faster depending on pricing. The best situation would be to present three solution options: Option 1: 4hrs< t ≤24hrs, Option 2: 0< t ≤4hrs and Option 3: Near Zero.

18. Are there any I/O targets that need to be met?
    A. Low end

19. What are the latency requirements?
    A. Low end